Balanced parenthesis

Jayden wants to know is some string that contains parenthesis well balanced. String can contain three types or parenthesis:

```
()
[]
{}
```

and parenthesis have same priority. For example, the following string:

{ [( )] }

is well balanced, while following string:

{ [( ]) }

is not well balanced.

Write a function:

```
object Solution { def solution(s: String): Boolean }
```

which, given non-empty string S consisting of N characters, returns true if string is well balanced, or false if string is not well balanced.

Assume that:

- N is an integer within the range [1..100,000]
- each character of string S can be '{', '}', '[', ']', '(', ')' or whitespace.

Complexity:

- expected worst-case time complexity is O(N)
- expected worst-case space complexity is O(N), beyond input storage (not counting the storage required for input arguments).